INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/008225

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H02M3/28					
1110.01	NU2M3/20				
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SE					
Minimum docur	Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ H02M3/00-3/44				
	. 102113/00 3/44				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Jitsuyo Shinan Koho 1922—1996 Toroku Jitsuyo Shinan Koho 1994—2004 Kokai Jitsuyo Shinan Koho 1971—2004 Jitsuyo Shinan Toroku Koho 1996—2004					
Electronic data l	base consulted during the international search (name of	data base and, where practicable, search to	erms used)		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.		
Х	EP 1160964 A2 (SONY CORP.),		1-3,5-7,11		
Y A	05 December, 2001 (05.12.01) Par. Nos. [0027] to [0039];		4 8-10		
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× Further do	cuments are listed in the continuation of Box C.	See patent family annex.			
	gories of cited documents: efining the general state of the art which is not considered	"T" later document published after the inter	mational filing date or priority		
to be of particular relevance		date and not in conflict with the applica the principle or theory underlying the in	vention		
filing date		"X" document of particular relevance; the cl considered novel or cannot be consid	ered to involve an inventive		
cited to esta	hich may throw doubts on priority claim(s) or which is blish the publication date of another citation or other	"Y" document of particular relevance; the cl	aimed invention cannot be		
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive s combined with one or more other such of	tep when the document is locuments, such combination		
"P" document published prior to the international filing date but later than		being obvious to a person skilled in the"&" document member of the same patent fa			
03 Sept	completion of the international search ember, 2004 (03.09.04)	Date of mailing of the international searce 21 September, 2004	(21.09.04)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile No.		Telephone No.			

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International application No.
PCT/JP2004/008225

C (Continuation) DOCUMENTS CONSIDERED TO DE SEL	PCT/JP2	004/008225		
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate of the relevant passages. Palements claim No.					
A	Citation of document, with indication, where appropriate, of the releva	Relevant to claim No.			
A	15 August, 2000 (15.08.00), Par. Nos. [0066] to [0093]; Figs. 6 to 9 (Family: none) JP 2000-23461 A (Hitachi, Ltd., Hitachi T Semiconductor, Ltd.),	1-11			
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